

# Practical AI for Airport Decision-Makers

## Unlock AI's potential to optimize Airport Management



1 DAY VIRTUAL COURSE | MIN and MAX PARTICIPANTS | Available Languages: EN

LEADERSHIP

### Description

This hands-on workshop demystifies AI and provides a framework for business leaders to leverage AI's multiple significant benefits. Learn how to use AI to enhance decision-making, automate and streamline operations, and create competitive advantages - without requiring technical expertise. Our practical approach equips managers with the necessary tools to identify specific AI opportunities, evaluate solutions, and implement cost-effective AI-driven strategies and tactics.

Gain insights into the key internal and external AI-related factors influencing the airport industry and see how AI can enhance decision-making and execution for your airport's operations. Understand the impact of AI in the context of international and national aviation regulations. Explore emerging trends such as predictive analytics, Machine Learning, Generative AI, and AI-driven process automation for airport management in areas such as improved resource allocation, security enhancements, optimized passenger flow, airspace management, and cargo logistics. Develop a data-driven approach to navigate air industry challenges and learn how to capitalize on new opportunities.

### Target group

- Airport Managers: General, Administrative, HR, Financial, Operational/Executional or Planning
- Aviation Executive, Planning & Execution Responsibilities
- Organic Airline Management Teams, Employee Managers & Contract Managers
- Ground/Station Managers, Logistics, Resource managers & Regulatory/Legal Counsels

**Class location:** Virtual course (public or in-house)

**Included:** course material, certificate, follow-on free AI consultations for 30 days after workshop  
This course is delivered in collaboration with Amphorica.

### Learning objectives

- Understand key AI concepts and their direct relevance for airport operations without requiring technical expertise
- Identify and prioritize high-impact AI use cases within your specific role and airport environment
- Apply AI tools in practical, real-life airport scenarios to improve day-to-day decision-making and operational efficiency
- Evaluate AI opportunities based on business value, feasibility, and data readiness in an airport context
- Compare and select AI tools and vendors using clear, structured, and practical criteria
- Recognize key risks, constraints, and regulatory considerations when applying AI in aviation and airport management
- Translate real airport challenges into actionable AI solutions and workflows
- Develop a clear, role-specific AI action plan including both strategic direction and practical next steps

### Customized learning approach

To ensure maximum relevance and impact, participants complete a short pre-course questionnaire assessing their experience level, current use of AI, and specific needs. Based on these insights, the workshop is tailored to the group – from entry-level to expert. This approach allows for a highly practical and focused learning experience, addressing real challenges and use cases from the participants' own airport environment. Especially for in-house trainings, this enables a fully customized setup, ensuring that content, depth, and examples are directly aligned with organizational expectations.

### Course outcomes

- Understand core AI concepts and their practical relevance for airport operations
- Identify and prioritize high-impact AI use cases across key airport functions
- Evaluate AI opportunities based on business value, feasibility, and data readiness
- Start to understand how to apply various types of AI to improve day-to-day decision-making and operational efficiency
- Gain insight on how to map real airport scenarios to concrete AI solutions and workflows
- Acquire tools and abilities to compare and select AI tools and vendors using clear, practical criteria
- Understand key risks, constraints, and regulatory considerations related to AI in aviation/airport management
- Define actionable use cases and leave with base skills to be able to develop a clear, role-specific AI action plan for them/their organization

### MODULES

Pre-Course  
Questionnaire

AI Foundations in  
Airport Context

From Use Case to  
Value

Tools and Practical  
Execution